

Regional MS4 Storm Water Permit

Keeping our sites on
Outcomes



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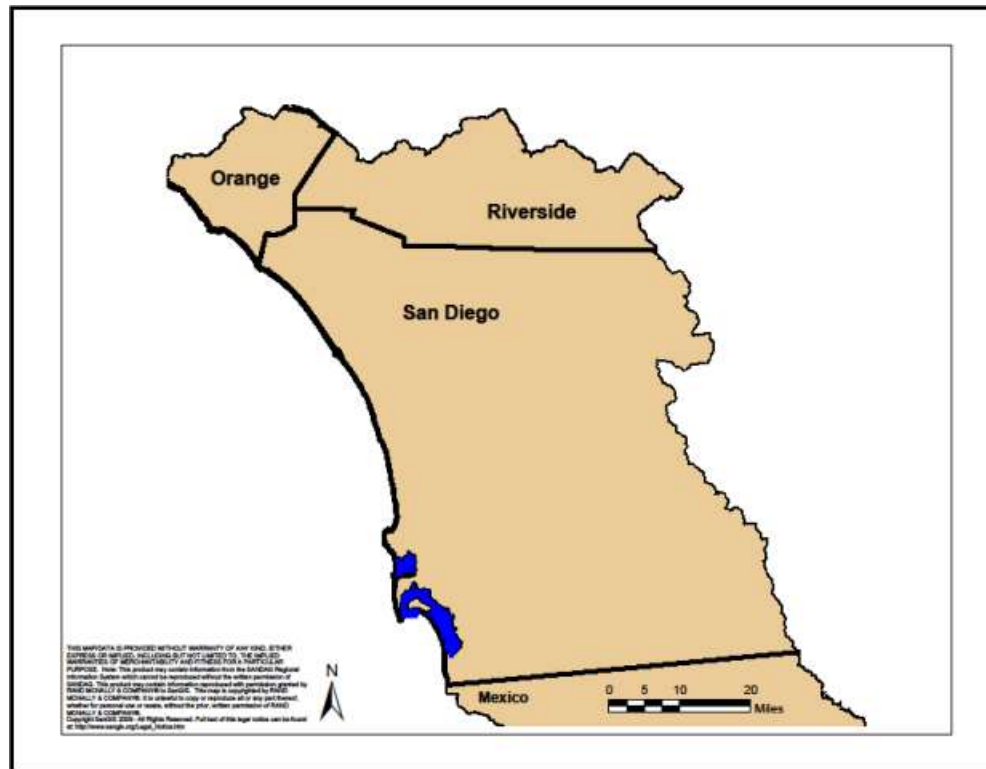
Water Resource Control Engineer
San Diego Water Board

WHY ?

**Restore and maintain the physical, chemical,
and biological integrity of the Nation's waters**

**Improve and protect water quality
and
Realize economy of resources**

Out with the old ... regional approach

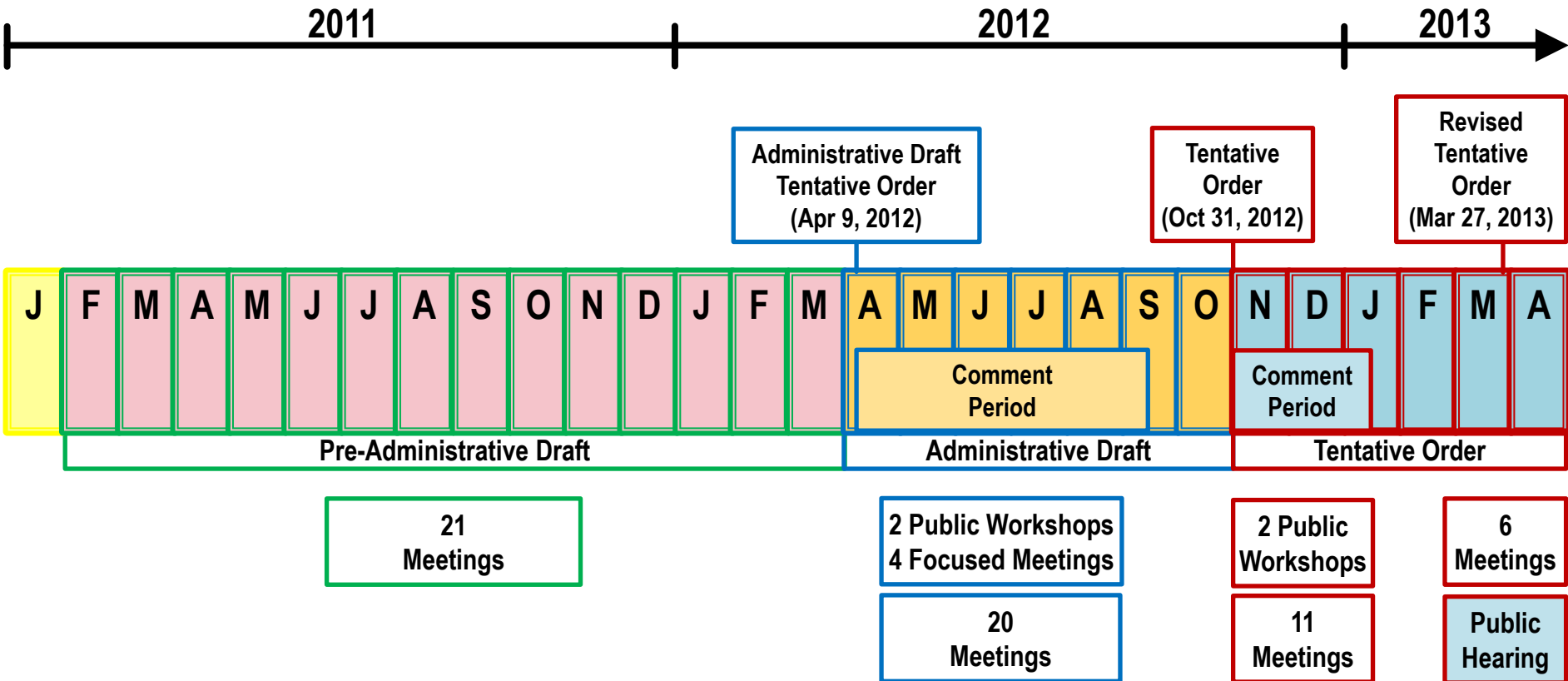


INTENTIONS

An *effective* permit is required for water quality improvement and protection

Permit Development Process

2+ Years



The New Paradigm...

Action oriented



Outcome oriented



Water Quality Improvement Plan

Regional Permit Provisions

- A. Prohibitions and Limitations**
- B. Water Quality Improvement Plans**
- C. Action Levels**
- D. Monitoring and Assessment Requirements**
- E. Jurisdictional Runoff Management Requirements**
- F. Reporting**

Water Quality Improvement Plans

Purpose: Copermitttees to collectively develop Plans that guide jurisdictional programs towards achieving the **outcome** of *improved water quality* in both MS4 discharges and receiving waters

Water Quality Improvement Plans

1. **Prioritize** water quality issues resulting from discharges to/from MS4
2. **ID** pollutant sources associated with priorities
3. **Define** numeric targets and schedules to achieve improvement in priorities
4. **Describe** strategies to achieve targets
5. **Describe** a coordinated monitoring/assessment program
6. **Adapt** Plan/programs as necessary

San Diego Water Board's Role

Water Quality Improvement Plan

1. Participate in Plan development
2. Participate in all Consultation Panels
3. Ensure / Support Copermittees efforts to conduct Watershed Management Area Analysis
4. Conduct public process
5. Review / Accept Plans
6. Ensure compliance with Regional MS4 Permit

Monitoring and Assessment

Purpose: Provide info to Copermittees regarding the nexus between health of receiving waters and condition of discharges from MS4

Monitoring and Assessment

- 1. Jurisdictional Monitoring (Effluent)**
- 2. Watershed Monitoring (Receiving Water)**
- 3. Watershed Special Studies**
- 4. Regional Special Studies**
- 5. Assessment Requirements**
 - a. Prohibiting NSW discharge?**
 - b. Reducing pollutants in storm water to MEP?**
 - c. Restoring and protecting receiving waters?**
 - d. TMDL calculations**

San Diego Region

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